REPORT OF FINDINGS
LIMITED MICROBIAL ASSESSMENT
FOR

VA HOSPITAL
8TH FLOOR HVAC FILTER ROOMS
650 E INDIAN SCHOOL RD
PHOENIX, AZ 85012

Submitted to:

SOS BUILDERS
ATTN: CHRIS OCHOA
1710 E GRANT SUITE 100
PHOENIX, AZ 85034

Submitted by:
SYNTECH ENVIRONMENTAL MANAGEMENT, LLC
3820 W. HAPPY VALLEY RD STE 141-616
GLENDALE, AZ 85310

December 16, 2015

SYN Project No. 15-1532

December 16, 2015

SYN Project No. 15-1532

SOS Builders
Attn: Chris Ochoa
1710 E Grant
Suite 100
Phoenix, AZ 85034

Dear Mr. Chris Ochoa,

Re: Report of Findings
Limited Microbial Assessment
VA Hospital
650 E Indian School Rd
Phoenix, AZ 85012

Syntech Environmental Management, LLC. (SYN) is pleased to submit this Report of Findings for the recently completed microbial assessment activities associated with the above mentioned site.

Syntech Environmental Management, LLC. Appreciates this opportunity to provide professional environmental consulting services to SOS Builders.

Sincerely,

Syntech Environmental Management, LLC

Michael T. Ghee

Misti Sexton, CMI
Project Manager

3820 w. Happy Valley Road
Suite 141-616
Glendale, AZ 85310
www.synenv.com
Phone: 480.226.5039
Fax: 480.275.3198

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1.0 INTRODUCTION

The subject of this report is the hospital located at 650 E Indian School Rd, Phoenix, AZ. SOS builders retained Syntech services for the purpose of determining the presence of possible mold contamination in the hospital.

2.0 CONSULTANT AND LABORATORY SERVICES

The microbial assessment and air sampling activities were performed by Syntech representative Mr. Michael Ghee on December 15, 2015. Laboratory analysis was performed by Analytical Services of Arizona.

3.0 VISUAL ASSESSMENT

During our sampling and inspection activities at the project site, Syntech observed the following areas in the subject building that were suspect of mold growth:

- Visual Dust/ Mold growth in hvac filters rooms.

4.0 MICROBIAL SAMPLING PROCEDURE

Tape samples were collected to evaluate surface concentrations of mold spores using Biotape sampling slides. On this Biotape, the surface in the area of concern is taped. The Biotape is then sent to the laboratory. In the laboratory, the slide is removed from the Biotape and evaluated by a standard light microscope to identify the types of particles and number of particles found. All samples collected during this assessment were delivered to Analytical Services of Arizona.

Please note that most state, industry and federal organizations state that initial sampling is not required as a preliminary action and should only be gathered to identify hidden mold, document the contaminants and to assist in protocol production.

5.0 MICROBIAL SAMPLE RESULTS

5.1 Analytical Results

Syntech collected Thirty Six (36) Bio-tape samples selected areas inside the subject hospital. All samples were submitted to Analytical Services of Arizona, 23836 N. 58th Avenue, Glendale, AZ, 85310 for laboratory analysis. A Chain of Custody form accompanied the samples. Analytical Services of Arizona sample result sheets and Chain of Custody forms can be found in Appendix A. The following information summarizes the laboratory data:

				380,000 Cladosporium
T-18	CBP-9 Fan Box	12/15/2015	**235,000**	22,000 Aspergillius/Penicillium 213,000 Cladosporium
T-19	CBP-9 Front Door	12/15/2015	**129,000**	129,000 Cladosporium
T-20	CBP-7 Fan Box	12/15/2015	**346,000**	346,000 Cladosporium
T-21	CBP-7 Fan Wall	12/15/2015	**696,000**	696,000 Cladosporium
T-22	CBP-7 North Wall	12/15/2015	**30,000**	30,000 Cladosporium
T-23	CBP-7 Small Room Back Wall	12/15/2015	**40**	40 Bipoloris/Dreeschlera Group
T-24	CBP-7 Small Room Coil Wall	12/15/2015		No Spores Detected
T-25	CBP-7 Small Room South Wall	12/15/2015	**15,000**	15,000 Cladosporium
T-26	CBP-7 Small Room Front Door	12/15/2015		No Spores Detected
T-27	CBP-7 Front Door	12/15/2015	**50,000**	50,000 Cladosporium
T-28	CBP-11 North Wall	12/15/2015	**3,600**	1,800 Alternaria 1,800 Bipolaris/Dreeschlera Group
T-29	CBP-11 West Wall	12/15/2015	**43**	43 Ascospores
T-30	CBP-11 South Wall	12/15/2015	**270**	190 Alternaria 40 Chaetonium 40 Pithomyces
T-31	CBP-11 Small Room Front Door	12/15/2015	**590**	300 Aspergillus/Penicillium 130 Basidiospores 80 Bipolaris/Dreeschlera Group 80 Chaetomium
T-32	CBP-11 Small Room Filter Wall	12/15/2015	**40**	40 Torula
T-33	CBP-11 Small Room Back Wall	12/15/2015	**80**	40 Alternaria 40 Ascospores
T-34	CBP-11 Small Room Coil Wall	12/15/2015	**40**	40 Alternaria
T-35	CBP-11 Small Room Mesh Wall Front Door	12/15/2015	**37,000**	37,000 Cladosporium
T-36	CBP-11 Front Door	12/15/2015	**9,200**	1,800 Alternaria 7,400 Chaetonium

† Quantities of molds seen growing are listed in the MOLD GROWTH column and are graded 1+ to 4+, with 4+ denoting the highest numbers.

Samples highlighted in **bold red** text indicate elevated and or abnormal counts of mold spores.

Air-O-Cell Sample Results

Sample I.D.	Location	Date	Total Fungal Spores Count/M^3	Fungal Spore Identification
T-01	CBP-11 East Filter	12/15/2015	**4,000**	*800 Alternaria* *500 Basidiospores* *200 Bipolaris/Dreeschlera Group* *2,500 Chaetomium*
T-02	CBP-11 Back Wall	12/15/2015	**6,400**	*600 Ascospores* *2,800 Aspergillius/Penicillium* *800 Basidiospores* *400 Bipolaris/Dreeschlera Group* *1,200 Cladosporium* *200 Curvularia* *100 Pithomyces* *300 Stachybotrys*
T-03	CBP-11 West Wall	12/15/2015		*No Spores Detected*
T-04	CBP-11 North Wall By Door	12/15/2015	**270**	*270 Basidiospores*
T-05	CBP-6 North Wall By Door	12/15/2015	**370**	*190 Alternaria* *180 Ascospores*
T-06	CBP-6 Back Wall	12/15/2015		*No Spores Detected*
T-07	CBP-6 Small Room Back Wall	12/15/2015	**2,100**	*1,500 Ascospores* *800 Aspergillus/Penicillium* *300 Cladosporium*
T-08	CBP-6 Small Room By Door	12/15/2015	**1,600**	*500 Ascospores* *800 Aspergillus/Penicillium* *300 Cladosporium*
T-09	CBP-4 Fan	12/15/2015	**222,200**	*29,200 Aspergillus/Penicillium* *193,000 Cladisporium*
T-10	CBP-4 Pillar Concrete	12/15/2015	**464,000**	*187,000 Aspergillus/Penicillium* *277,000 Cladosporium*
T-11	CBP-4 Back Wall	12/15/2015	**7,400**	*7,400 Cladosporium*
T-12	CBP-2 Back Wall	12/15/2015		*No Spores Detected*
T-13	CBP-2 East Wall	12/15/2015		*No Spores Detected*
T-14	CBP-2 North Wall by Door	12/15/2015		*No Spores Detected*
T-15	CBP-15 East Wall	12/15/2015		*No Spores Detected*
T-16	CBP-15 East Wall by Door	12/15/2015	**43**	*43 Bipolaris/Dreeschlera*
T-17	CBP-9 Concrete Pillar	12/15/2015	**460,000**	*80,000 Aspergillius/Penicillium*

5.2

Interpretation of Results

Tape Samples

Results of the Tape Samples collected during this assessment indicated that the mold spores taped on (specific area) **are** present.

In summary, the total counts were significantly high on the samples taken. The predominant type is Cladosporium.

6.0 RECOMMENDATIONS

- Find and fix the water source.
- Have some IAQ/ Mold Air sampling throughout hospital completed to see if cross contaminated
- Asbestos inspection completed in the area work is going to be done.
- Post Clearance testing once remediation is complete.

6.1 General Items

Mold growth requires nutrients and moisture. Without either one of these requirements, mold does not typically proliferate to concentrations that can affect human health. Within the indoor environment, nutrients such as cellulose products (e.g., paper backed gypsum board and ceiling tile) are abundant. Successful control of indoor mold growth can only be accomplished if moisture intrusion is controlled. As a general recommendation, interior finishes that have been moisture saturated should be dried within 24-hours following the moisture intrusion to prevent amplified mold growth.

6.2 Remediation

- Replace Mesh Walls in affected areas
- All Coils Cleaned
- Dismantle fans and wipe down
- Full Wipe Down and HEPA Vac rooms

Syntech recommends that a licensed contractor repair any water leak issues before any remediation activities commence to help prevent this water intrusion from occurring in the future.

The following presents a general work plan for microbial remediation activity. Once the remediation activity is completed, it is recommended that a visual inspection and post remediation sampling be conducted to determine if the abatement activity was successful in removing the

source of microbial growth. The post remediation sampling will also confirm if the engineering controls can be removed.

It should be noted that during the abatement activity additional microbial growth may be discovered. If this condition exists, then the activity will need to continue until all visible microbial growth in the affected area has been removed.

The following recommended practices is not encompassing in how the details of the remediation process should occur and are only considered guidelines for the microbial remediation process. Syntech is not responsible for any remedial activity that may take place in the facility. The contractor should be licensed, insured and should follow all applicable federal and state regulations, as well as, be familiar with all current industry standards that pertain to microbial remediation.

1. All applicable state and federal regulations should be followed.
2. All materials that are to be disturbed during the remediation must be inspected and sampled for the presence of asbestos before the remediation commences.
3. Follow recommended practices listed in the IICRC S520.
4. It is recommended that unauthorized personnel not enter the effected portion of the areas during the abatement activities. Signs should be posted on entry points to prevent unauthorized entry.
5. Workers should use appropriate personal protective equipment for tasks being performed, including use of respiratory protective equipment.
6. The work area should be isolated with -0.02 inches of negative pressure ventilation. A negative air machine and containment should be installed and kept running until the abatement is complete. The containment must stay in place until the consultant confirms that it can be removed. All critical barriers should be placed on vents, air handlers, doors and access points with 6 mil fire rated plastic.
7. All furnishings and belongings in the affected areas should be removed. The contents should not be returned until the areas have been cleaned and approved for re-occupancy.
8. The work areas should be free of visible microbial growth and heavy dust accumulation.
9. If structural members are to be removed, they should be removed under the guidance of a qualified individual that has the training and knowledge to direct such work such as a structural engineer or construction expert.
10. Encapsulants should not be used unless discussed with the consultant prior to its placement.
11. Once all the above items have been completed, a post remediation investigation should be conducted by the consultant.
12. Based upon the interpretation of the laboratory report, further cleaning may be necessary.

The remediation work needs to be performed utilizing a negative pressure containment system. Once the contaminated drywall has been removed, all associated insulation should also be removed. If needed the framing members should be sanded and treated with a biocide agent to prevent any future growth. When the removal of the contaminated materials is complete, all surfaces should be HEPA vacuumed and wet wiped with a biocide agent.

It is Syntech professional opinion that an environmental remediation contractor should be utilized to perform the work. The work should be performed within a negative pressure containment.

Envision can perform post remediation air monitoring when the work is completed to provide further assurance that the work has been completed properly.

7.0 QUALIFICATIONS OF THE REPORT

Syntech Environmental Management, LLC has endeavored to observe the existing conditions associated with the residence using generally accepted procedures and that degree of care which is ordinary for others performing similar services. Regardless of the thoroughness of any assessment, there is always a possibility some areas containing amplified mold growth may be inaccessible, or are different from those at specific sample locations. Therefore, conditions at every location may not be as anticipated. The findings presented in this report are relevant to the dates of our site work and the scope of included services, and should not be relied on to represent conditions at substantially later dates.

No destructive investigative techniques, such as breaking through walls or ceilings, were performed. In addition, no attempt was made to dismantle equipment. Wall voids, building cavities, and mechanical equipment parts may contain unreported mold contamination.

APPENDIX A

MICROBIOLOGICAL REPORTS AND CHAIN OF CUSTODY FORMS

ASA # 1542333

Analytical Services of Arizona
23836 N 58th Avenue
Glendale, AZ 85310
admin@asofa.com

Analysis Report prepared for

SYNTECH ENVIRONMENTAL MANAGEMENT, LLC

3820 WEST HAPPY VALLEY RD
STE 141-616
GLENDALE, AZ 85310

Project ID:	**650 E Indian School Rd**
Date Sampled:	**12/15/2015**
Date Analyzed:	**12/16/2015**
Report Date:	**12/16/2015**

Analytical Services of Arizona (ASA) participates in the AIHA Fungal Direct Proficiency Analytical Testing Program, Participant Number 221776.

Analytical Services of Arizona
23836 N 58th Avenue, Glendale, AZ 85310
P (480) 226-5071 email: admin@asofaz.com

Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-01
Sample Name: CBP-11 East Filter

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**800 Alternaria** **500 Basidiospores** **200 Bipolaris/Dreeschlera Group** **2,500 Chaetomium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-02
Sample Name: CBP-11 Back Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**600 Ascospores** **2,800 Aspergillius/Penicillium** **800 Basidiospores** **400 Bipolaris/Dreeschlera Group** **1,200 Cladisporium** **200 Curvularia** **100 Pithomyces** **300 Stachybotrys**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating.
Distribution of spore types seen mirrors that usually seen outdoors.
Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
23836 N 58th Avenue, Glendale, AZ 85310
P (480) 226-5071 email: admin@asofaz.com

Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-03
Sample Name: CBP-11 West Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**No spores detected**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-04
Sample Name: CBP-11 North Wall By Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Light Background	Trace	**270 Basidiospores**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
23836 N 58th Avenue, Glendale, AZ 85310
P (480) 226-5071 email: admin@asofaz.com

Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-05
Sample Name: CBP-6 North Wall By Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**190 Alternaria** **180 Ascospores**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-06
Sample Name: CBP-6 Back Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**No spores detected**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
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P (480) 226-5071 email: admin@asofaz.com

Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-07
Sample Name: CBP-6 Small Room Back Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**1,500 Ascospores** **400 Aspergillus/Penicillium** **200 Cladisporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-08
Sample Name: CBP-6 Small Room By Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**500 Ascospores** **800 Aspergillus/Penicillium** **300 Cladisporium**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

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Client: Syntech Environmental Management, LLC
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Date of Sampling: 12/15/2015
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DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-09
Sample Name: CBP-4 Fan

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**29,200 Aspergillus/Penicillium** **193,000 Cladosporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-10
Sample Name: CBP-4 Pillar Concrete

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**187,000 Aspergillus/Penicillium** **277,000 Cladosporium**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
23836 N 58th Avenue, Glendale, AZ 85310
P (480) 226-5071 email: admin@asofaz.com

Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-11
Sample Name: CBP-4 Back Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**7,400 Cladosporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-12
Sample Name: CBP-2 Back Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**No spores detected**	None	Normal Trapping

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DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-13
Sample Name: CBP-2 East Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**No spores detected**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-14
Sample Name: CBP-2 North Wall By Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**No spores detected**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

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DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-15
Sample Name: CBP-15 East Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**No spores detected**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-16
Sample Name: CBP-15 East Wall by Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Light Background		**43 Bipolaris/Dreeschlera Group**	None	Normal Trapping

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DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-17
Sample Name: CBP-9 Concrete Pillar

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**80,000 Aspergillius/Penicillium 380,000 Cladosporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-18
Sample Name: CBP-9 Fan Box

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**22,000 Aspergillius/Penicillium 213,000 Cladosporium**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

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Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
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Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-19
Sample Name: CBP-9 Front Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**129,000 Cladosporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-20
Sample Name: CBP-7 Fan Box

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**346,000 Cladosporium**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
23836 N 58th Avenue, Glendale, AZ 85310
P (480) 226-5071 email: admin@asofaz.com

Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-21
Sample Name: CBP-7 Fan Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**696,000 Cladosporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-22
Sample Name: CBP-7 North Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**30,000 Cladosporium**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
23836 N 58th Avenue, Glendale, AZ 85310
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DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-23
Sample Name: CBP-7 Small Room Back Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Light Background	Trace	**40 Bipoloris/Dreeschlera Group**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-24
Sample Name: CBP-7 Small Room Coil Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**No spores detected**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

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Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-25
Sample Name: CBP-7 Small Room South Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**15,000 Cladosporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-26
Sample Name: CBP-7 Small Room Front Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**No spores detected**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
23836 N 58th Avenue, Glendale, AZ 85310
P (480) 226-5071 email: admin@asofaz.com

Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-27
Sample Name: CBP-7 Front Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**50,000 Cladosporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-28
Sample Name: CBP-11 North Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**1,800 Alternaria** **1,800 Bipolaris/Dreeschlera Group**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
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Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-29
Sample Name: CBP-11 West Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**43 Ascospores**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-30
Sample Name: CBP-11 South Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**190 Alternaria** **40 Chaetonium** **40 Pithomyces**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

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Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-31
Sample Name: CBP-11 Small Room Front Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background	Trace	**300 Aspergillus/Penicillium** **130 Basidiospores** **80 Bipolaris/Dreeschlera Group** **80 Chaetomium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-32
Sample Name: CBP-11 Small Room Filter Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**40 Torula**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
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Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-33
Sample Name: CBP-11 Small Room Back Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**40 Alternaria** **40 Ascospores**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-34
Sample Name: CBP-11 Small Room Coil Wall

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**40 Alternaria**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

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P (480) 226-5071 email: admin@asofaz.com

Client: Syntech Environmental Management, LLC
Project: 650 E Indian School Road

Date of Sampling: 12/15/2015
Date of Receipt: 12/15/2015
Date of Report: 12/16/2015

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-35
Sample Name: CBP-11 Small Room Mesh Wall Front Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**37,000 Cladosporium**	None	Normal Trapping

DIRECT MICROSCOPIC EXAMINATION REPORT
ASA # 1542333
Sample ID: T-36
Sample Name: CBP-11 Front Door

Background Debris/ Description	Miscellaneous Spores Present	MOLD GROWTH: Molds seen with underlying mycelial and or sporulating structures	Other Comments	General Impression
Heavy Background		**1,800 Alternaria** **7,400 Chaetonium**	None	Normal Trapping

Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens, such as ascospores, rusts and smuts, and a mix of saprophytic genra with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

Quantities of mold seen growing are listed in the MOLD GROWTH column.

Signature: Nilda Santiago Date: 12/16/2015

QA/QC: Misti Ghee Date: 12/16/2015

Analytical Services of Arizona
23836 N 58th Avenue
Glendale, AZ 85310
Phone: 480-226-5071
Email: admin@asofaz.com

CONTACT INFORMATION			
Company:	Syntech	Address:	
Contact:		Special Instructions:	
Phone:			

PROJECT INFORMATION				TURN AROUND TIME	
Project ID:	650 E Indian School Rd			Under 2 Hours	
Project Description				Under 4 Hours	
Sampling Date and time	12/15/2015	Sampled by:	Michael Ghee	Next Day	x

ASA will dispose of samples 60 days after analysis

Sample #	Description/Location	Sample Type	Total Volume /Area	Notes	Fungi Spore Trap Analysis	Direct Microscopic Exam (Qualitative)	Quantitative SporeCount Direct Exam	Fibers by PCM Method 7400
T-01	CBP-11 East Filter	T					x	
T-02	CBP-11 Back Wall	T					x	
T-03	CBP-11 West Wall	T					x	
T-04	CBP-11 North Wall By Door	T					x	
T-05	CBP-6 North Wall By Door	T					x	
T-06	CBP-6 Back Wall	T					x	
T-07	CBP-6 Small Room Back Wall	T					x	
T-08	CBP-6 Small Room By Door	T					x	
T-09	CBP-4 Fou	T					x	
T-10	CBP-4 Pillar Concrete	T					x	
T-11	CBP-4 Back Wall	T					x	
T-12	CBP-2 Back Wall	T					x	
T-13	CBP-2 East Wall	T					x	

Sample codes	RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC- Biocassette				
T-Tape		12/15/2015		12/15/2015
PCM - PCM Air				

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CONTACT INFORMATION			
Company:	Syntech	Address:	
Contact:		Special Instructions:	
Phone:			

PROJECT INFORMATION				TURN AROUND TIME	
Project ID:	650 E Indian School Rd			Under 2 Hours	
Project Description				Under 4 Hours	
Sampling Date and time	12/15/2015	Sampled by:	Michael Ghee	Next Day	x

ASA will dispose of samples 60 days after analysis

Sample #	Description/Location	Sample Type	Total Volume /Area	Notes	Fungi Spore Trap Analysis	Direct Microscopic Exam (Qualitative)	Quantitative SporeCount Direct Exam	Fibers by PCM Method 7400
T-14	CBP-2 North Wall By Door	T					x	
T-15	CBP-15 East Wall	T					x	
T-16	CBP-15 East Wall By Door	T					x	
T-17	CBP-9 Concrete Pillar	T					x	
T-18	CBP-9 Fan Box	T					x	
T-19	CBP-9 Front Door	T					x	
T-20	CBP-7 Fan Box	T					x	
T-21	CBP-7 Fan Wall	T					x	
T-22	CBP-7 North Wall	T					x	
T-23	CBP-7 Small Room Back Wall	T					x	
T-24	CBP-7 Small Room Coil Wall	T					x	
T-25	CBP-7 Small Room South Wall	T					x	
T-26	CBP-7 Small Room Front Door	T					x	

Sample codes	RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC- Biocassette				
T-Tape		12/15/2015		12/15/2015
PCM - PCM Air				

Analytical Services of Arizona
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Glendale, AZ 85310
Phone: 480-226-5071
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CONTACT INFORMATION			
Company:	Syntech	Address:	
Contact:		Special Instructions:	
Phone:			

PROJECT INFORMATION				TURN AROUND TIME	
Project ID:	650 E Indian School Rd			Under 2 Hours	
Project Description				Under 4 Hours	
Sampling Date and time	12/15/2015	Sampled by:	Michael Ghee	Next Day	x

ASA will dispose of samples 60 days after analysis

Sample #	Description/Location	Sample Type	Total Volume /Area	Notes	Fungi Spore Trap Analysis	Direct Microscopic Exam (Qualitative)	Quantitative SporeCount Direct Exam	Fibers by PCM Method 7400
T-27	CBP-7 Front Door	T					x	
T-28	CBP-11 North Wall	T					x	
T-29	CBP-11 West Wall	T					x	
T-30	CBP-11 South Wall	T					x	
T-31	CBP-11 Small Room Front Door	T					x	
T-32	CBP-11 Small Room Filter Wall	T					x	
T-33	CBP-11 Small Room Back Wall	T					x	
T-34	CBP-11 Small Room Coil Wall	T					x	
T-35	CBP-11 Small Room Mesh Wall Front Door	T					x	
T-36	CBP-11 Front Door	T					x	

Sample codes	RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC- Biocassette				
T-Tape		12/15/2015		12/15/2015
PCM - PCM Air				